

مراجعة



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1 Choose the correct answer:

	Light		
 Light travels (transmit a curved 	ts) (propagates) in b straight		
 Light traveling in a str radio 	aight line is the principle b camera		
	n't allow light to travel th b Translucent		nt d Opaque
4. A sheet of aluminum fa Transparent	oil is an example of b Translucent		nt d Opaque
The nearer the objectsmaller	is to the light source, the b bigger	its shadow	<i>'</i> .
6. The speed of light in aa faster than	ir is that in water b slower than	er. c equal to	
	rection when it passes fro b light refraction		er is called
	rection when it passes fro b light refraction		er is called
9. Light where a refracts	b reflects	air. c separates	d scatters
10. Light who	en it falls on smooth and b reflects	shiny surfaces. c separates	d scatters
11. A pencil seems to bereflection	broken at water surface of brefraction	due to of separation	light. d absorption
12. The prism separates3	sunlight intoco	c 7	d 9
	Seeing colored	d objects	
13. A blue t-shirt seems a blue	behind red gla	ss sheet. c black	
14. When you look at a rred	ed apple through a yellow b black	glass sheet, the app	ole seemsd yellow



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15. Red light + Green lighMagenta	nt + Blue light = b Yellow	 C White	
16. Black opaque objectsa absorbs	all light colors b reflects		ll of the previous
17. Red, green and blue li a primary	ights arelights. b secondary	c complementary	
18. Magenta, cyan and year	ellow lights arel	ights. c complementary	
19. Mixing red and blue g	givesb magenta	c yellow	
20. Mixing red and blue g	gives b magenta	c yellow	
21. Mixing green and blue a cyan	e gives b magenta	c yellow	
22. Mixing green and bluecyan	e gives b magenta	c yellow	
23. Mixing all the primary a red	y-colored lights gives b green	color. c blue	d white
24. As light falls on a bana red	ana, the banana absorbs b green	c blue	color. d yellow
	Magnetis	sm	
25. The natural magnet v a 2000	vas discovered b 2500	years ago. c 3500	d 4000
26 used to local Compass	ate the main four direction b Dynamo	on. C Prism	
27. When a magnet is sugar north-south	spended (hanged) freely, beast-west	the magnet takes c north-east	direction d north only
28. When a magnet is sug	spended (hanged) freely, b south	its north pole refers to th	d west
29. When a magnet is sugar north	spended (hanged) freely, b south	its north pole refers to th	d west
30. The magnet has	pole(s). b 3	c 2	d 1
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31. Which of the following Nail	ng is a magnetic material? b glass		paper	d chalk
32. The space around a ragnetic pole	nagnet in which the magn b magnetic substance			
33. All of the following material plastic	naterials are not attracted b paper		the magnet except glass	d nickel
34. The natural magnet i copper	s one of the ores. b aluminum		iron	
35. Different magnetic p a repel	oles each other. b attact	C	intersect	
36 is attract	b Cobalt		Chalk	d Aluminum
	Magnetism and	ele	ectricity	
37. The huge electromaga electric bells	gnet is used in b cranes	C	telephones	
38 scientist a William Gilbert	who invented the dynamo b Faraday		Hertz	
39. The dynamo generat a thermal	es energy from b electrical		echanical (kinetic) ene light	rgy. d kinetic
40. The sail of a dynama	is made up of	/		
40. The coil of a dynamo a copper	b carbon	C	iron	
41. Electric energy is cor a electromagnet	verted into magnetic ener		in electric bell	
42. The dynamo is fixed a seat	in the bicycle touching the		cycle's tires	
	Mixture	S		
43 is used a Evaporation c Separating funnel	d to separate a mixture of	oil b	and water. Filtration Magnetic attraction	
44. The mixture of iron fa Evaporationc Separating funnel	ilings and sand can be sep	b	eted by Filtration Magnetic attraction	
45. Solution is aa solid substance		C	pure substance	



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		Solution	ıs	
46.	The most common so alcohol	lvent is b water	c benzene	
47.	The material that disa a solute	solves to produce a soluti b solvent	on is called c mixture	
48.	The result of solubilit a solute	y process is calledb solvent	 c solution	
4 9.			. b increasing the amoun	t of solute.
50.	Increasing temperatu a increases	resolubility t b decreases	ime. c has no effect	
51.	Increasing temperatu a increases	resolubility t b decreases	ime. c has no effect	
52.	Increasing temperatu a increases	resolubility t b decreases	ime. c has no effect	
53.	The solute in chocola a milk	te-milk solution is the b water	c chocolate	
55.	The solute in the salt a sugar	y solution is b water	c salt	
54.	The solvent in chocol a milk	ate-milk solution is the b water	c chocolate	
56.	Water is a common s thousands of	olvent becauseb few	substances dissolve in it.	
57.	Stirring the	e speed of the solubility p b decreases	rocess. c has no effect on	
58.	Solubility time decrea	ases by increasingb amount of solvent	 c both of them	
	The speed of solubilitation increases The most common so	b decreases	creasing the temperature. c has no effect	
	a alcohol	b water	c benzene	
61.		ffect solubility process ex		d type of solu



Environmental Balance unit

62.	An example of decom a fungi	nposers (saprophytic orga b rabbits	nisms) is c cats	
	takes pla Camouflage	ce by some living organis b Parasitism	ms to hide from their ene	emies.
64.	Green plants are cons a decomposers	sidered asb consumers	c producers	
65.	A water pond is a a small	b large	c very large	
66.	In the food relationshapped predator	nip between a man and a b	oilharzias worm, the man	is a d parasite
67.	The relation between mutualism	bilharzia worm and man b symbiosis	is c predation	d parasitism
68.	The second secon	synthesis is done by a b consumer	living organism. c producer	
69.	The types of parasite a external	b internal	c All of the previous	
70.	The relationship betv a parasitism	veen sponge and tiny aqua	atic living organisms is c commensalism	
71.	All of the following a	re external parasites excep	c liver worm	d lamprey
	The food relationship a parasitism	between a cat and a rat i b predation	s an example of c symbiosis	
73.	Bilharzia worm is an . a external	b internal	c both	
74.	The animal that devo a parasite	urs another animal is callo	ed c prey	
75.	Bees looking like was a camouflage	p is phenomeno b commensalism	n. c mimicry	
76.	Mosquito conveys a malaria	disease to man. b plague	c cancer	d elephantiasis
77.	Predation relationshi a increases	pthe number o b decreases	f preys in populations. c organizes	
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Write the scientific term: 1. The main source of light on the Earth. 2. Materials that allow some colored light to pass through them. 3. The seven colors which the white light is made up of. 4. The light energy that can be seen. 5. Phenomenon formed in the sky after rain and sun still shining. 6. Darkened area foamed behind an object once light falls on it. 7. The light that we can get by mixing two of the primary colored lights. 8. Red, green and blue colored lights. 9. Yellow, magenta and cyan colors. 10. The change of light rays directions when they transmit the separate surface between two different transparent media. 11. The light that we can get by mixing two of the primary colored light. 12. Materials that don't allow light to transmit through and objects can't be seen through. 13. The light resulted from mixing of red light and blue light. 14. Materials allow most light to pass through them. 15. A set that is used for locating the main four geographical directions. 16. One of the iron ores which is known as magnetite. 17. A set used to change electric energy into magnetic energy. 18. A device used to convert kinetic energy into electric energy. 19. The materials that are attracted to the magnet. 20. The materials that don't get attracted to the magnet. 21. The magnetic pole which is attracted to the north pole of another magnet. 22. Regions of the magnet, where the magnetic force is most powerful. 23. The force by which the magnet attracts some materials.

solute.

25. It is the process by which a solute dissolve in a solvent leading to the disappearance of

24. A substance that consists of more than one type of particles.

26. Mixture which is composed of a solute and a solvent.

27. The substance which dissolves (disappears) in a solvent.



- 28. It is the substance in which the solute disappears (dissolves).
- 29. Substance that consists of only one type of identical particles.
- 30. A process that is used to separate a solid material dissolved in water.
- 31. A type of substance in which their components can be separated easily.
- 32. A method that is used to separate iron filings from sand.
- 33. Process used to separate the solid materials that are insoluble in water.
- 34. A process used to separate salt from water.
- 35. Liquid used to dissolve the solute to make a solution.
- 36. The mixture results from the solubility of solids in liquid.
- 37. An apparatus used to separate immiscible liquid mixtures.
- 38. A set that is used to separate water-oil mixture.
- 39. It is the food relationship among living organisms in which one living organism devours another one.
- 40. The harmed organism in parasitism relationship.
- 41. Kind of plants that devour insects.
- 42. Any natural area contains living organisms and non-living things.
- 43. A phenomenon in which living organisms change their color to be hidden from enemies.
- 44. The temporary food relationship that end by devouring the prey or a part of it.
- 45. A temporary relationship between two different organisms with a benefit to one and harm to the other.
- 46. It is the internal parasite which causes bilharzia disease.
- 47. Food relationship between nodular bacteria and leguminous.
- 48. The food relationship between two living organisms that benefit from each other.





3	Give reason	for
1. 🗘	The image thro	ugh

1.	The	image	through	narrow	holes is	s inverted	and	minimiz	ed.

Formation of shadow when	light falls on an opaque be	ody.
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- The formation of image through narrow holes.
- Formation of shadow.

2. We s	see a picture	e behind th	e glass clearly	.
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- 3. Light spectrum is formed.
- 4. A clear glass sheet is a transparent material.
- 4. A raft paper is a translucent material.
- 3. Aluminum is an opaque material.
- 4. Spoon appears broken in transparent cup filled with water.
- 5. When light fall on a white paper, it appears white color.
- 6. The Banana appears yellow when sunlight falls on it.
- 7. The red apple seems black when you look at it through a green glass sheet.
- 8.We must wear white clothes in summer season.
- 9. We wear black clothes in winter.
- 10. Yellow is called a secondary colored light.
- 11. Iron is a magnetic material.



12. Plastic is a non-magnetic material.
13. Compass needle deflects when an electric current passes through a wire near it.
13. Sugar is a pure substance.
14. Air is considered as a mixture.
15. Tomato sauce is a mixture.
16. It is possible to separate iron filings from sand by using magnetic attraction.
17. Water is a common solvent.
18. Drosera is an insectivorous plant.
18. Predation is temporary food relationship.
19. Predation is less common in plant world than in animal world.
20. A butterfly stands on a tree with the similar color.
23. Bilharzia worm is considered a parasite.
21. Parasitism relationship differs from predation relationship.
22. The host's death is considered a loss to the parasite.



Primary 5

Complete each of the following sentences:

1. The object's image formed through narrow holes is and and
2. The material in which light can transmit through is called
3. The spectrum colors start with and end with
4. We can see, when sunlight passes through water droplets during rain fall.
5. When light passes from water to air, it because light speed in air is
than that through water.
6.Sunlight is separated into colors by passing it through a
7. From primary colored lights, and from secondary colored lights
8. From primary light colors: and and
9. Secondary colors are and and
10 objects seems having the same color of the light which it reflected.
11. Mixing and lights gives cyan light.
12. Light speed through air is than that through water.
13. The prism separates sunlight into
14. The color lies between the green color and the indigo color.
15. On mixing two primary light colors, a light color is produced.
16. The whiteboard all the light colors, while the blackboard the light colors.
17. The magnet is black stone made of iron ores which called
18. Like poles each other, whereas unlike poles each other.
19. The substances can be divided into and due to their magnetic ability.
20. The magnetic force is most powerful at the of the magnet.
21. The like poles each other, whereas the poles attract each poles.
22. The contains a small light magnet that moves freely around a fixed axis.
23. The idea of electric generator is change energy into energy.
24. Electromagnet changes energy to energy.
25. The coil of a dynamo is made up of wire.
26. Mixing a small amount of sand with water forming a that can be separated
by
27. The relationship between sponge and tiny aquatic living organisms is
28. The speed of solubility by increasing stirring process.
29. Sand-water mixture can be separated by



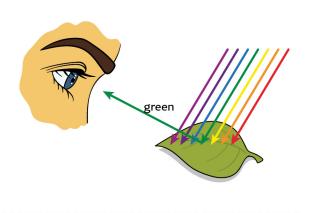
30. Solid materials can be mixed by or or
31. A liquid mixture formed of a solute and a solvent is called
32. The Solubility process needs the presence of and and
33. Increasing decreases solubility time.
34 is a general solvent because of its ability to dissolve most materials.
35 worm causes elephantiasis disease.
36. Mosquito is an parasite, while ascaris worm is an parasite.
37 is any area including living and nonliving organisms.
38. The food relationship between nodular bacteria and bean, whereas the food
relationship between fungi and dead bodies is
39. Mosquitoes convey disease, while ascaris worm cause disease.
40. The relationship between sponge and tiny aquatic living organisms is
41. A butterfly uses as it stands on a tree with a similar color.
42. Green plants are known by organisms.
43. Food relationship in which both organisms benefit from each other is
44. Ecosystem may be small as or large as
What happens when?
1. You put an opaque object between a lightened torch and the wall.
2. You look at a street through a translucent window.
3. You look at a lightened candle through three screens with centered holes in one straight line.
4. Yellow light falls on black object.
5. Mixing green and blue lights.
Mixing green and blue lights. Vou approach a magnet to cobalt and chalk mixture.

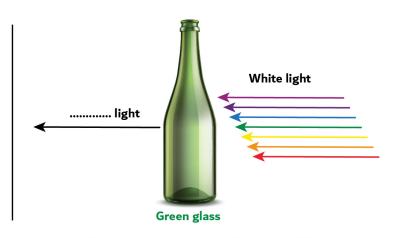


8. You sprinkle some iron filings on a paper sheet which has a strong magnet under it
9. An electric current passes through a coiled wire around wrought iron bar.
10. You put the copper wire which is connected with ammeter (to measure the electric current intensity) between the two poles of magnet.
11. You shake an amount of sugar with water.
12. You heat salty water.
13. Some types of frogs are attacked by enemies.
14. A cuttlefish is attacked by enemies.
15. There are no nodular bacteria in the roots of leguminous plants as beans.
16. You splash some water drops on a slice of bread, put it in a closed bag and leave it for a few days in the dark.
17. Saprophytes disappear from earth.

Answer each of the following:

1. What is the color of each object?







2. Look at the opposite figu	re, then answ	er the following:	Part (b)	
1) Label the figure:			Λ Λ Λ Λ Λ	
Part (a): Part (b):	Part	(c):		
2) The figure represents:				Part (a)
3) The apparatus is used to o	change	energy into	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
energy.				
			Part (c)	Part (c)
3. Look at the opposite figu	re, then answ	er the following:		Part (c)
1) Label the figure:				
Part (a): Part (b):	Part	(c):	Pa	rt (b)
2) The figure represents:				
3) The apparatus is used to o	change	energy into	Pa	rt (a)
energy.				
4. Look at the opposite figu	re, then answ	er the following:		
1) The opposite figure repres			32000	TI TING
2) The device consists of			und a	M. S.
fixed axis.			3.00 × 10 × 10 × 10 × 10 × 10 × 10 × 10 ×	M = 8
3) It is used to			3. Land of Maria	Made de la company de la compa
			0	
7 How can you separ	ate each of t	the following m	ixtures:	
1. Chalk and water.				
2. Sand and water.				
3. Sand and salt.				
4. Paper clips and sugar.				
5. Iron and salt.				
6. Oil and water.				
7. Salty solution.				
8. Sugary solution.				



Mention the following:

1. Properties of light.		

- 2. The difference between regular and irregular reflection.
- 3. The idea of the camera.
- 4. Properties of mixtures.
- 5. The difference between solute and solvent.
- 6. The difference between predator and prey.
- 7. The difference between parasite and host.

9 Identify the food relation among the following organisms:

- 1. Sponge and tiny aquatic living organism.
- 2. Man and liver worm.
- 3. Leguminous plants and nodular bacteria.
- 4. A cat and a rat.
- 5. A lion and a deer.
- 6. Bread mold fungus.
- 7. Bilharizia worm and man.

انتھينا بفضلٍ من الله وتوفيقه ،،،

